

REMARKS/ARGUMENTS

Pending claims 1, 3, 6-8, 10-15, 18 and 20 stand rejected under 35 U.S.C. §103(a) over U.S. Patent No. 5,812,852 (Poulsen) in view of U.S. Patent No. 5,937,194 (Sundaresan). Applicants respectfully traverse the rejection.

With regard to claim 1, neither reference teaches or suggests translating a first program unit into two different other program units. That is, claim 1 recites translating a first program unit into a second program unit and also translating that same first program unit into a third program unit, where the second and third program units are to perform different recited functions.

Neither Poulsen nor Sundaresan teaches or suggests translating a program unit into two different program units. In this regard, Poulsen merely teaches a single translation of a program, while Sundaresan nowhere discusses program translation. This is especially so, as the Office Action simply identifies the same portion of Poulsen to contend that Poulsen somehow teaches or suggests first and second translations of a program unit. Office Action, p. 3. However, this portion of Poulsen merely teaches that a program 100 is augmented via a translation means 120 to produce *a single translated parallel computer program 130*. Poulsen, col. 8, lns. 30-32. Nowhere does Poulsen teach or suggest translating program 100 in any other manner.

Claim 1 is further patentable as nowhere do the references teach or suggest translation of the first program unit into a second program unit that references a third program unit, where the third program unit encapsulates a reduction operation. It appears that the Office Action contends that the translation of the first program unit into a second program unit in Poulsen is met by “translating the global storage objects by declaring privatizable storage objects”. Office Action, p. 3. However, nowhere does this teach or suggest a program unit that includes instructions to reference another program unit. Instead all that Poulsen teaches in this regard is a declaration of storage objects, not any reference to yet another program unit. Furthermore, nowhere do the cited references teach or suggest that the third program unit encapsulates a reduction operation. In this regard, the Office Action merely contends that Poulsen shows encapsulating storage objects. Nowhere does this or any other portion of Poulsen teach or suggest encapsulation of a reduction operation. Accordingly, for at least these reasons, claim 1 and claims 3 and 6-7 depending therefrom are patentable. For at least the same reasons, claims 8 and 10-14 and claims 15, 18 and 20 are also patentable.

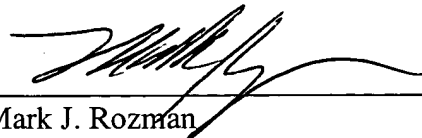
New dependent claims 21-26 are patentable for at least the same reasons as the independent claims from which they depend.

In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

Date: _____

8/4/05



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